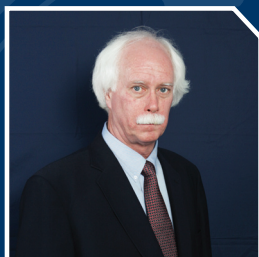




ENGINEERING

Engineering Services provides professional support for Capital Improvement Projects and other programs, including surveying, right-of-way acquisition, design, regulatory permit acquisition, and construction inspection. Other support services include water/sewer franchising, review and approval of publicly dedicated subdivisions, issuance of right-of-way placement permits and driveway permits, and more. Stormwater Engineering strives to implement the most cost-effective options to reduce flooding and to improve surface and groundwater quality.

Division Director Joe Brown has been the director of Engineering Services since 2003 and an employee of Leon County for 15 years. In addition to his public sector work, Brown has owned and operated private consulting engineering firms throughout his 36-year career as an engineer. Brown is a member of the National Society of Professional Engineers, the American Society of Civil Engineers, the Institute of Transportation Engineers, the American Water Works Association and the American Public Works Association, as are most of his staff.



Joe Brown, P.E.

Division Director
Engineering Services

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PROFESSIONAL SERVICES AND QUALITY INFRASTRUCTURE

- Completed intersection improvement projects at Meridian and Bannerman and Meridian and Ox Bottom roads. The projects consisted of providing southbound left-turn lanes, adding curbs and gutters to minimize tree impacts, and installing traffic signals. These improvements provide for a significant improvement in safety.
- Constructed new sidewalks along Perkins, Dempsey Mayo and Velda Dairy Roads using federal stimulus funds.
- Initiated Phase II of the Buck Lake Road Improvement Project. Phase II consists of intersection improvements at Buck Lake and Pedrick. It includes turn lane improvements, sidewalks, bike lanes and installation of a new signal.
- Constructed improvements to the intersection of Timberlane Road and Timberlane School Road including the addition of left turn lanes, related stormwater infrastructure and pedestrian and ADA facilities. This project also included a left turn extension to the entrance of Gilchrist Elementary School.
- Worked in cooperation with other agencies to construct the Okeehoopkee Prairie Stormwater Management Facility adjacent to the Meginnis Arm portion of Lake Jackson. The facility is a retrofit system that will treat stormwater from an area that was largely developed prior to the implementation of on-site stormwater treatment requirements. Stormwater retrofit projects of this type reduce the detrimental ecological effects of nonpoint source pollution.
- Made drainage improvements to Joe Cotton Trail by removing an existing side drain and replacing it with a culvert pipe of sufficient size. The project prevents stormwater overtopping of a portion of the road.
- Constructed improvements to the intersection of Timberlane Road and Timberlane School Road, including the addition of left-turn lanes, related stormwater infrastructure and pedestrian and ADA facilities. This project also included a left-turn extension to the entrance of Gilchrist Elementary School.



DID YOU KNOW

Engineering Services rebuilt a slope along Cloudland Drive that had failed during Tropical Storm Fay. The construction included an underdrain system and a synthetic turf enforcement mat, a project that was recognized as the Big Bend American Public Works Association's Project of the Year.